Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 18 Jul 2022 until 23:59 on Tuesday 19 Jul 2022

Forecast Issued on Sunday 17 Jul 2022 at 14:23

Confidence: High for the very high temperatures and settled weather on Monday and Tuesday. Low for the timing and intensity of any rain on Wednesday.

Headline for Monday 18 Jul 2022: A largely sunny and extremely hot day.

Mountain weather hazards on Monday 18 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Sunny intervals	Sunny intervals	Sunny	Sunny	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	00%	00%	00%	00%

Forecast for Monday 18 Jul 2022

Weather: Dry with patches of high level cloud overnight. The cloud will clear to give a largely sunny afternoon, with light winds and exceptionally high temperatures.

Chance of cloud-free hill tops above 600m: 95% or more.

Low cloud and visibility: Good panoramic views across the park, with cloud bases well above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Monday 18 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/27 SW	17/23 SW	15/20 SW	13/18 SW	11/16 SW	10/14 SW	7/11 S	10/13 SE	13/18 S
300	11/21 S	9/17 S	5/10 S	8/11 SW	8/11 SW	8/12 SW	5/9 SW	8/12 SE	9/16 S
Valley	6/20 S	5/17 S	3/12 SW	3/8 SW	3/8 SW	4/8 W	4/10 E	6/12 SE	7/14 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/16	19/15	19/16	21/18	26/23	29/27	28/28	26/25	26/23
300	22/19	21/18	20/20	23/22	28/27	32/30	31/32	28/27	27/26
Valley	20/19	18/18	19/19	23/23	29/29	32/32	30/31	27/26	26/25
Freezing Level*	3300m	3800m	3900m	3900m	4000m	4000m	3900m	3900m	3800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Deceptively hot despite the nice breeze, with strong sunshine, so adequate sun protection and hydration are essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 16 Jul 2022	0mm	0mm	0mm

Forecast for Tuesday 19 Jul 2022

Weather: Very warm and humid at the start of the day, despite a moderate southerly wind. Chance of showers or longer spells of rain arriving through the evening, perhaps heavy and thundery.

Maximum wind: S 20mph with gusts 30mph

Chance of cloud-free hill tops above 600m: 95% or more

Low cloud and visibility: Good panoramic views across the park, with cloud bases well above summits.

Temperature: **Valleys:** Plus 23 becoming 37 Celsius.
At 600m: Plus 19 becoming 32 Celsius.
Freezing level: Well above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.